



PRODUCT DATA

MICORFLEX™ CRACK SEALER

MICORFLEX™ is 100% solids, two component, flexible epoxy system designed for filling joints and repairing cracks in concrete surfaces which are exposed to severe chemical environments. MICORFLEX™ provides excellent adhesion to concrete and other surfaces coupled with a high degree of flexibility. This flexibility allows the sealant to remain in service even if joint movement continues to occur. MICORFLEX™ has good resistance to most dilute acids and bases and can be used as a sealant or coating in most industrial environments. MICORFLEX™ finds use in floors and secondary containment areas.

AREAS OF APPLICATION:

Concrete floors
 Secondary containment areas
 Warehouses
 Industrial facilities
 Paper Mills
 Food Processing Plants

FEATURES:

- Superior Flexibility
- Easy To Use
- Outstanding Chemical Resistance
- Superior Adhesion
- Low Odor Formulation

PACKAGING:

1½ Gallon Unit Contains:

Full 1 Gallon Bottle Resin
 Full ½ Gallon Bottle Hardner

15 Gallon Unit Contains:

Full 10 Gallon Pail Resin
 Full 5 Gallon Pail Hardner

PHYSICAL/CHEMICAL CHARACTERISTICS:

| | MICORFLEX RESIN | MICORFLEX HDR |
|-------------------|-----------------|---------------|
| Flash Point | > 200° F | > 200° F |
| Weight per Gallon | 9.13 | 8.21 |
| Viscosity | 800 cps | 440 cps |
| % N.V.W. | 100 | 100 |
| % N.V.V. | 100 | 100 |
| V.O.C. | 0 g/l | 0 g/l |

MIXED PROPERTIES:

| | | |
|-------------------|-----------|---|
| Mixing Ratio | | 2 to 1 by volume 2.25 to 1 by weight |
| Coverage | | Variable |
| Thickness | | 0.1 - 0.5 inches |
| Pot Life | | 30.0 min. at 77°F |
| Weight per gallon | | 8.83 |
| Viscosity | | 720 cps at 77°F |
| Tack Free Time | | 5 - 7 Hours |
| Service Time | | 24 Hours |
| % N.V.W. | | 100 |
| % N.V.V. | | 100 |
| V.O.C. | | 0 g/l |
| Colors | | clear, grey and red |

APPLICATION INSTRUCTIONS:

- 1) Ensure that the surface to be coated is clean, sound and free of grease, oil and old coatings. Joints should be clean and cracks should be saw cut to a depth of at least 1/4 inch.
- 2) New concrete should be cured at least three weeks or primed with **MICOROX® 103 Primer**.
- 3) Two parts of **MICORFLEX™** resin should be thoroughly mixed with one part of hardener. Care should be taken to mix no more than can be poured in 30 minutes.
- 4) The blended product should be poured directly into the crack to be filled. If used as a coating, it should be applied by notched squeegee.

HARDENING AND CURE:

MICORFLEX™ CRACK SEALER will initially harden in 5 - 7 hours at 77°F. Complete cure will require 48 hours at 77°F.

CLEAN UP:

Clean tools immediately with hot soapy water or with solvents such as Xylene or MEK. These products are **HAZARDOUS** and must be used with **CAUTION** and **MUST** be used with appropriate **VENTILATION**. See their M.S.D.S. sheets for appropriate use.

STORAGE AND SHELF LIFE:

Stored at room temperature (77° F), the unopened materials should have a one year shelf life.

TEMPERATURE LIMITATIONS:

Installation and cure at 70° - 80°F. Lower temperatures will effect the cure

HANDLING PRECAUTIONS:

MICORFLEX™ is intended for industrial and commercial use only. Prolonged contact with skin can cause irritation. Wear protective clothing and chemical splash goggles to avoid eye contact. **READ THE M.S.D.S. SHEET BEFORE USING.**

COMPLIMENTARY INFORMATION:

Our full service lab and technical engineers are available to assist you. For complete information on all systems, contact your local Dealer or our factory at 1-800-284-4308.

LIMITED WARRANTY: Micor Company Inc. warrants to the original purchaser of its products that they are in conformance to the formulation standards of Micor Company, Inc. and that such products are free from manufacturing defects. Original purchaser's only remedy is replacement of the product. Micor does not warrant or guarantee the workmanship performed by any person or company installing its products. In no event shall Micor be liable for any incidental or consequential damages. This warranty is expressly given in lieu of all other warranties express or implied, including the warranties of merchantability and fitness for use and all other obligations or liabilities on Micor's part. Micor neither assumes nor authorizes any person or persons to assume for us any other liability in connection with the sale of Micor products. This warranty shall not apply to any of Micor's products which have been subject to alteration, abuse or misuse. Micor makes no warranty whatsoever in respect to parts, materials or accessories not supplied by Micor Co. which are used in connection with its products. The term "original purchaser" in this warranty applies to that person, company or corporation to which Micor Company Inc. sold its product or products. The original purchaser accepts these terms and conditions and hereby expressly waives any claim to additional damages. **CAUTION: Always keep out of the reach of children.**

THIS MATERIAL IS INTENDED FOR INDUSTRIAL USE ONLY!